Docket No.

241676US0XCONT/shb

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hiroyuki KAKIUCHI, et al.

SERIAL NO: 10/644,859

GAU:

3744

FILED:

August 21, 2003

EXAMINER:

FOR:

ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORBENT FOR ADSORPTION HEAT PUMP

# INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

#### REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available computer generated English translations of pertinent portions of any non-English language references.
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☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

#### RELATED CASES

П	Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present
ш	Attached is a list of application (s) to get box with a copy of the claims and drawings of the pending application(s)
	Attached is a list of applicant s pending application(s) of industry application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s)
	is attached along with PTO 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

#### CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in a corfrom a foreign patent office in a counterpart foreign application not more than three months prior t	nication filing of
this statement.	*

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

#### DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

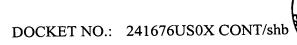
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FOR ADSORPTION HEAT PUMP

## STATEMENT OF RELEVANCY

References AX and AZ on Form 1449 are discussed in the specification.

OCT 0 2 2003 B SHEET 1 OF 1

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				10/644,859			
				APPLICANT					
LIST OF	REFER	ENCES CITED BY AP	PLICANT	Hiroyuki KAKIUCHI, et al.					
				FILING DATE		GROUP			
				August 21, 2003		3744			
····				U.S. PATENT DOCUMENTS	_				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	AA	4,440,871	04/03/84	B. M. LOK, et al.					
	AB	4,310,440	01/12/82	S. T. WILSON, et al.					
	AC	4,898,660	02/06/90	S. T. WILSON, et al.					
	AD	5,768,910	06/23/98	S. INAGAKI, et al.					
	AE	4,637,218	01/20/87	D. I. TCHERNEV					
	AF								
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		DOCUMENT NUMBER	DATE	COUNTRY			s NO		
	AO	11-197439	07/27/99	JAPAN (submitting computer generate translation only)	ed English	ļ	x		
	AP	4-37007	06/18/92	JAPAN (with English Abstract)					
	AQ	5-21844	03/25/93	JAPAN (with English Abstract)			X		
	AR	5-51533	08/02/93	JAPAN (with English Abstract)	ed English	<del> </del>	×		
	AS	11-137947	05/25/99	JAPAN (submitting computer generate translation only)	ea English	<u> </u>			
-	AT	6-76203	09/28/94	JAPAN (with English Abstract)	-l	<u> </u>	×		
	AU	1-057041	03/03/89	JAPAN (submitting English Abstract of corr. US 4,310,440 and US 4	,898,660)				
	AV	9-178292	1997	JAPAN (submitting English Abstract of corr. US 5,768,910)	only;				
	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)								
M H. S GRANGE, et al., Thermochimica Acta, vol. 329, pages 77-82, "CONTRIBUTION TO THE STUDY OF AW FRAMEWORK MODIFICATION OF SAPO-34 AND SAPO-37 UPON WATER ADSORPTION BY THERMOGRAVIME"									
K. TSUTSUMI, et al., Colloid Polym Sci, vol. 277, pages 83-88, "ADSORPTION CHARACTERISTICS AN FREE ENERGY OF AIPO4 -5", 1999									
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Dai-16-kai Zeoraito Kenkyû Happyô Kai Kôen Yokô-shû, page 91,  AZ November 21 and 22, 2000 Additional References s						ferences sheet(s) attache			
Examiner			Date Considered						
#Evernines	Initial i	f reference is consider	ed, whether or	not citation is in conformance with MPEP	609; Drav	v line throug	gh citation if not in		
conforman	e and	not considered. Include	e copy of this fo	rm with next communication to applicant					